EL 6640, BATCHELOR

REPORT TO THE

NORTHERN TERRITORY DEPARTMENT OF MINES & ENERGY

ON THE AREA RELINQUISHED 1993

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October 1993
SUMMARY

The area relinquished in 1993 was considered to have general low prospectivity for base metals. It is devoid of known geochemical anomalies, gossans and other indications of base metals.

INTRODUCTION

Exploration Licence 6640 was acquired by Compass Resources NL in 1990. Exploration has been focussed on base metal mineralisation, especially in the northern portion of the Exploration Licence.

LOCATION AND ACCESS

The original Licence was centred to the southwest of Batchelor. Access is via the Stuart Highway from Darwin then secondary roads from Batchelor. Access to the southwestern portion of the tenement is via Adelaide River and Stapelton.

TENEMENT DETAILS

The original Exploration Licence was granted to Compass on 16 July, 1990 for a period of 6 years. It covered 28 blocks and totalled approximately 79 square kilometres.

In 1993, on the third anniversary, 14 blocks were relinquished. Figure 1 shows the shape of the original Licence and the areas relinquished.

EXPLORATION UNDERTAKEN

Only limited ground reconnaissance was undertaken in the area relinquished.

In the southeastern section, around Cameron downs, this was sufficient to determine general agreement with the published 1:100,000 mapping. It is believed that areas of
non-outcrop in the eastern portion of the area are underlain by Coomalie Dolomite with the prospective contact with the overlying Whites Formation occurring east of the tenement.

The east-west band of tenements relinquished contain granitic rocks of the Waterhouse Complex and were not investigated.

The western tenements relinquished contained highly lateritised metasediments of the Mt. Partridge group and the Burrell Creek Formation of the Finnis River Group.

Previous RAB drilling by Uranerz, in the early 1980s, was undertaken in this area and a review of this drill data supports the published mapping but failed to delineate base metal geochemical anomalies considered worthy of follow up.

No sampling was undertaken by Compass in the relinquished areas.